

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026652.D
 Acq On : 28 Jan 2022 15:35
 Operator : JC/MD
 Sample : N1323-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 29 02:19:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

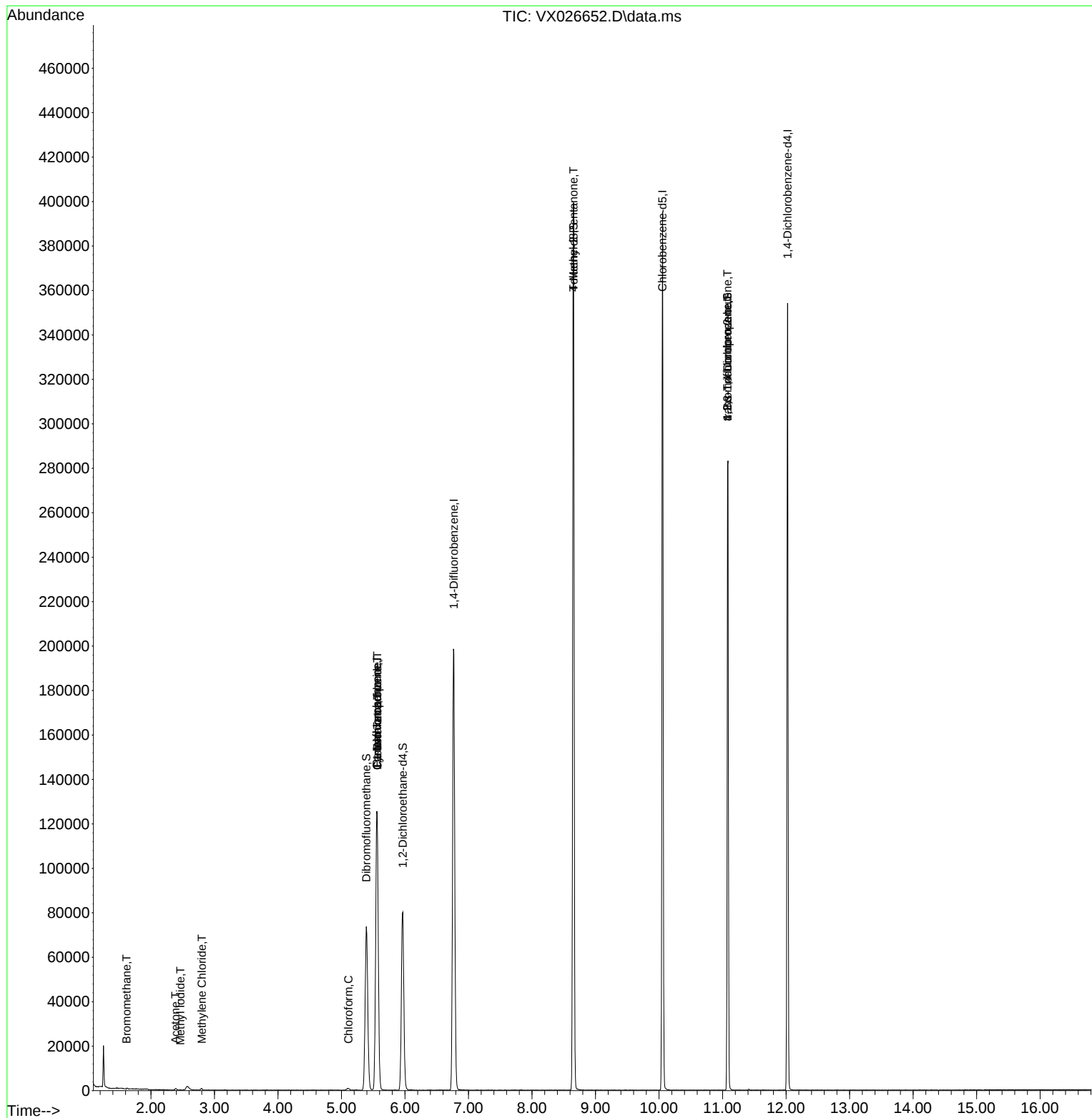
Internal Standards						
1) Pentafluorobenzene	5.556	168	119164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79739	47.902	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.800%
35) Dibromofluoromethane	5.391	113	65032	49.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	8.653	98	234449	49.172	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	79291	46.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	202	0.323	ug/l #	80
10) Methyl Iodide	2.465	142	61	4.485	ug/l #	66
16) Acetone	2.386	43	912	1.074	ug/l #	81
20) Methylene Chloride	2.800	84	348	0.248	ug/l #	93
30) Chloroform	5.111	83	1240	0.475	ug/l	86
31) Cyclohexane	5.562	56	2322	0.946	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9482	4.540	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12212	5.684	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	948	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39557	25.362	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39557	77.018	ug/l #	3

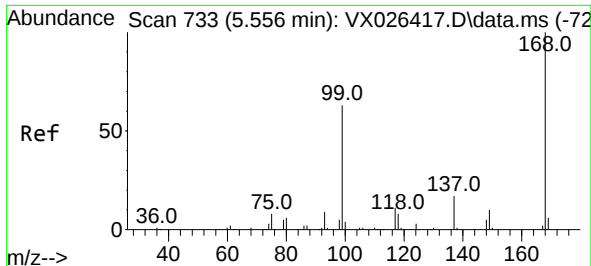
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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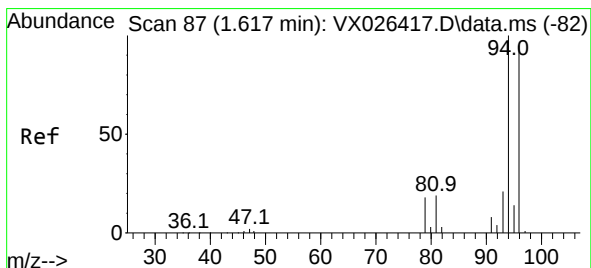
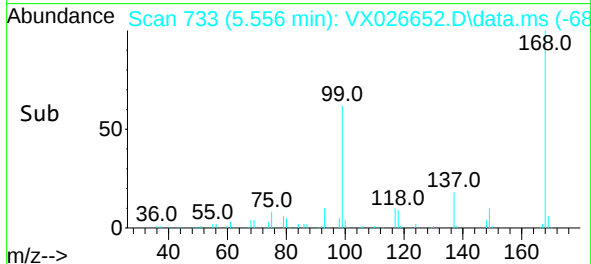
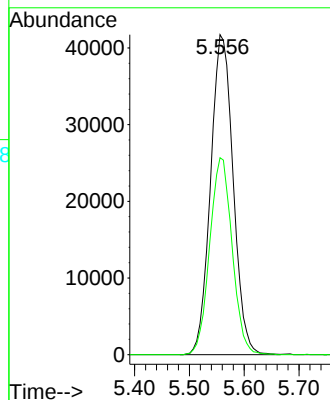
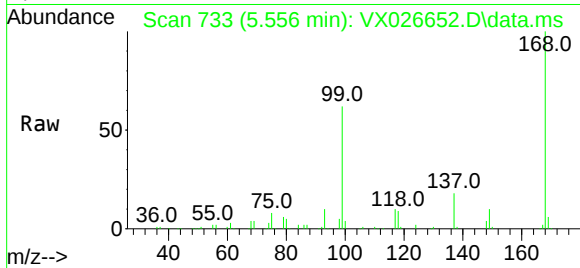




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

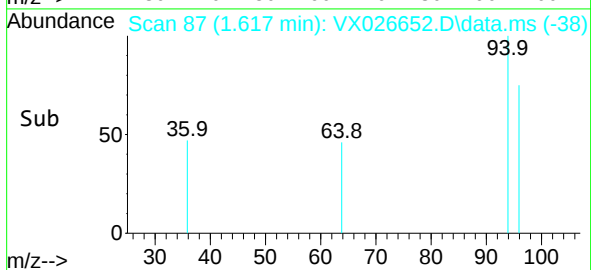
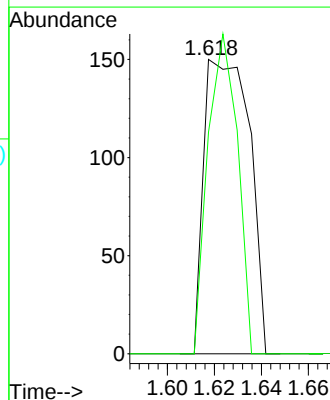
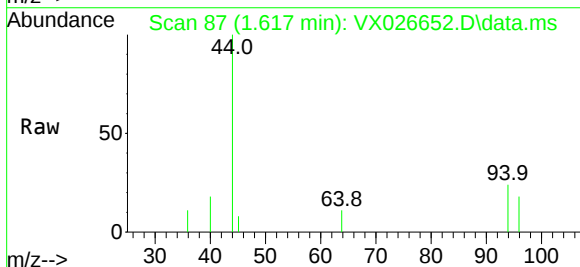
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

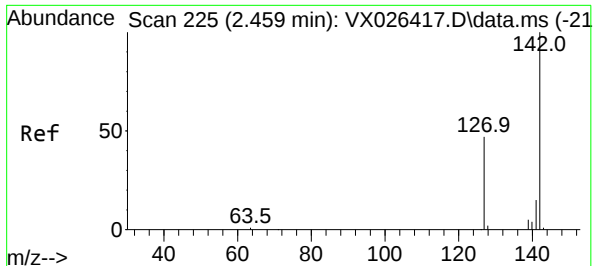
Tgt Ion:168 Resp: 119164
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#5
Bromomethane
Concen: 0.323 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 94 Resp: 202
Ion Ratio Lower Upper
94 100
96 75.3 75.9 113.9#

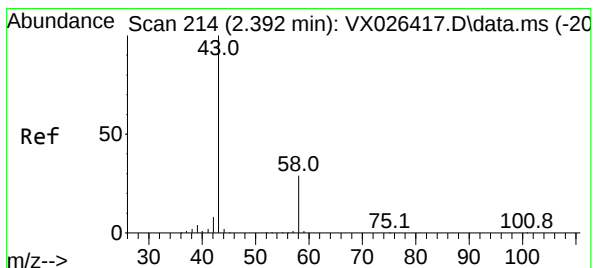
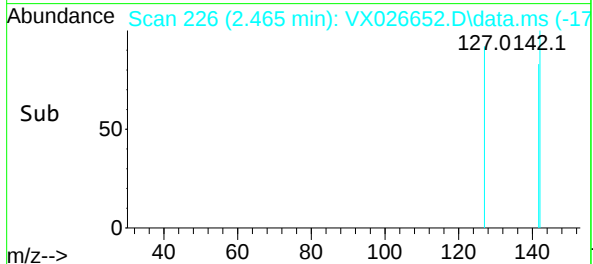
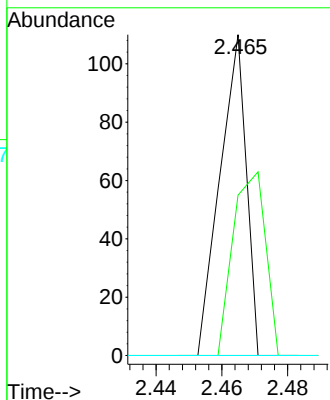
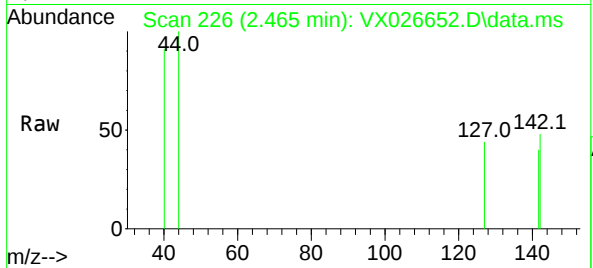




#10
Methyl Iodide
Concen: 4.485 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

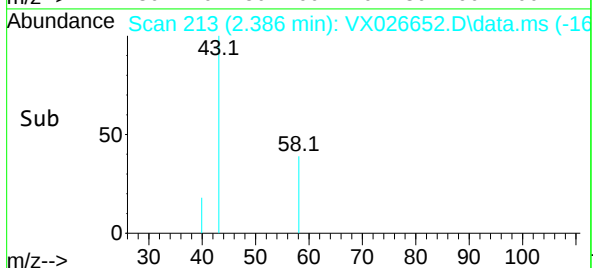
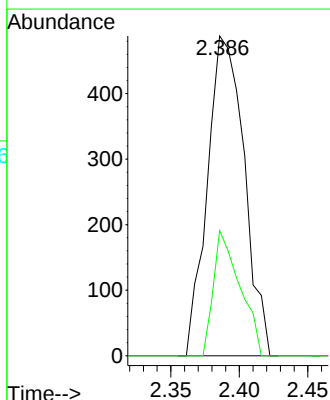
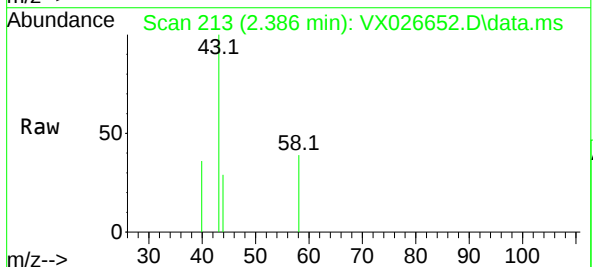
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

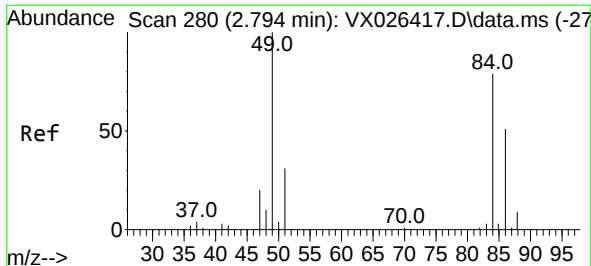
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 70.5 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.074 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 39.1 23.0 34.6#



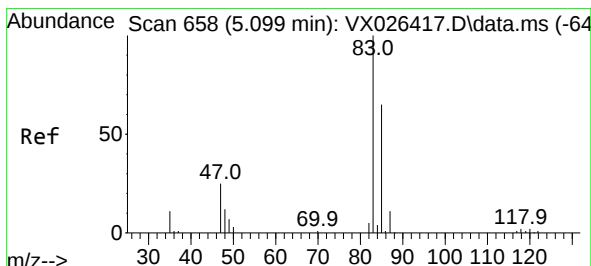
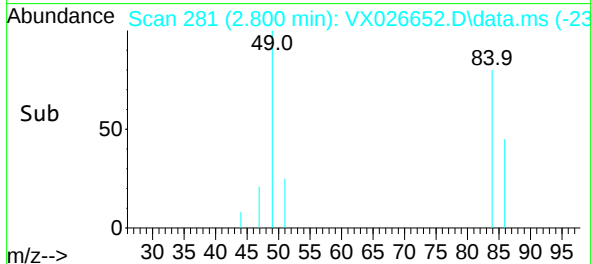
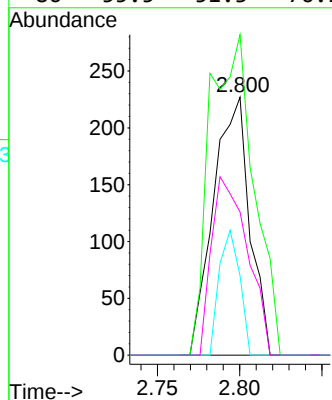
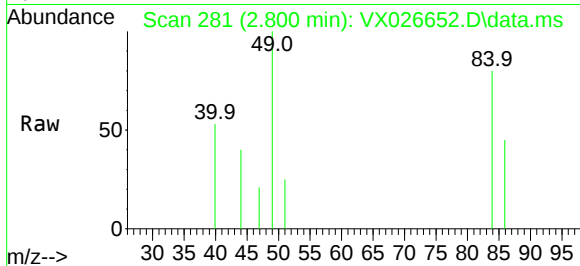


#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 348

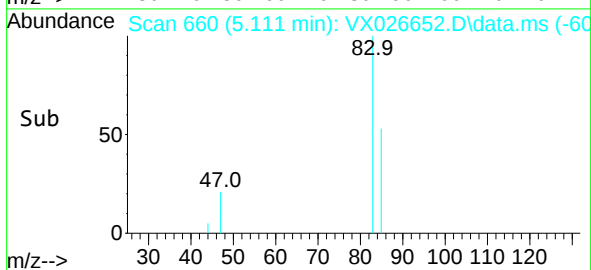
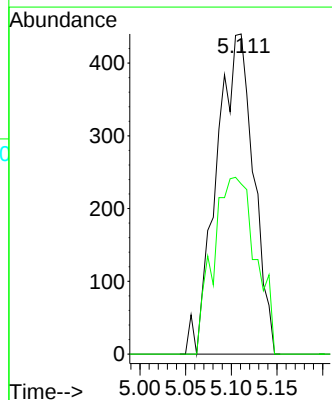
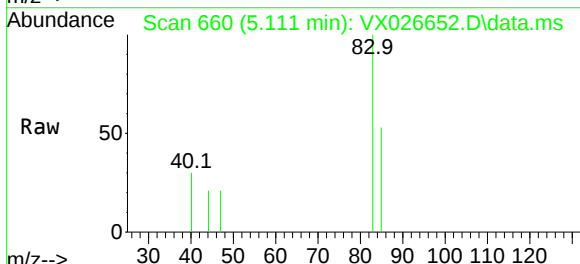
Ion	Ratio	Lower	Upper
84	100		
49	124.2	101.5	152.3
51	30.8	31.2	46.8#
86	55.5	51.3	76.9

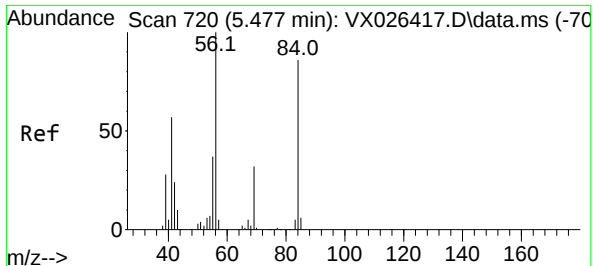


#30
Chloroform
Concen: 0.475 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 83 Resp: 1240

Ion	Ratio	Lower	Upper
83	100		
85	53.2	51.6	77.4

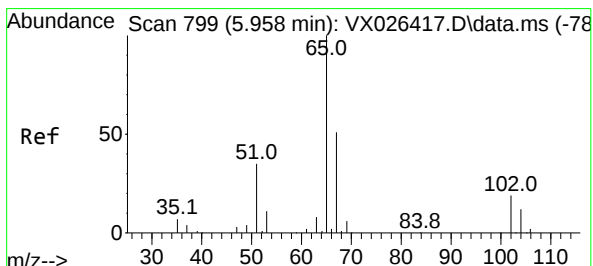
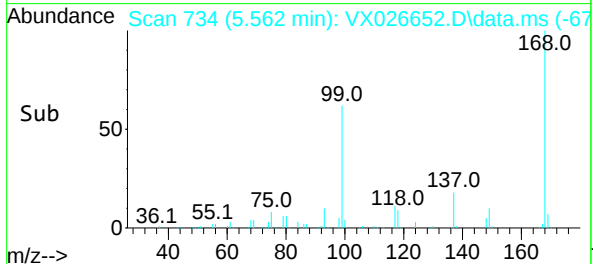
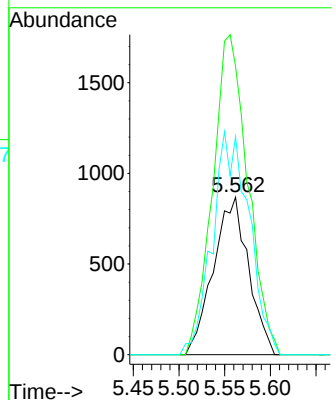
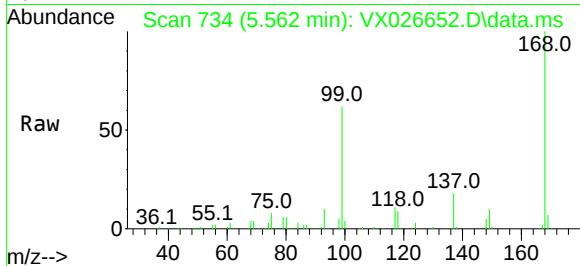




#31
Cyclohexane
Concen: 0.946 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

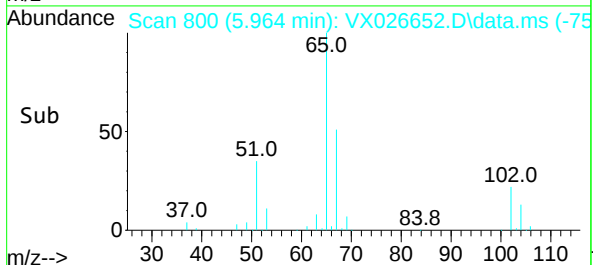
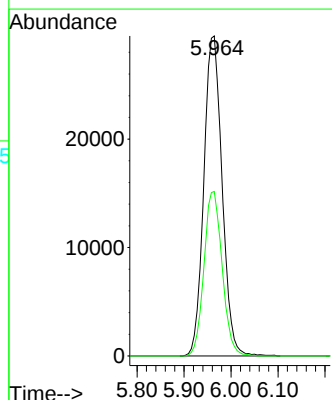
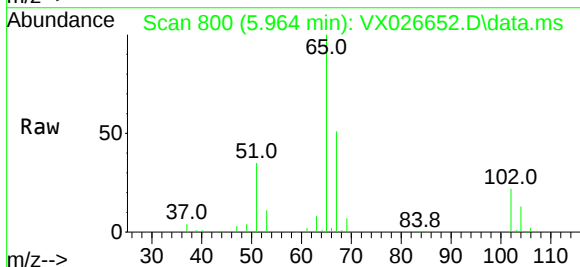
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

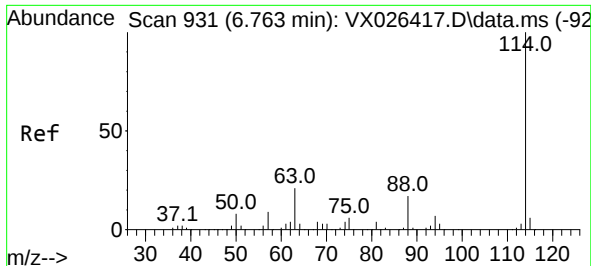
Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 183.1 25.8 38.6#
84 138.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.902 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 65 Resp: 79739
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

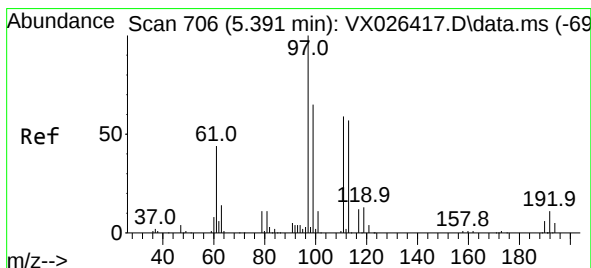
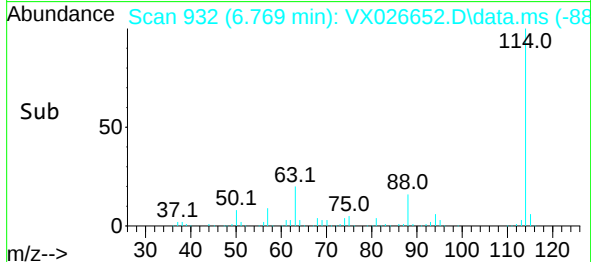
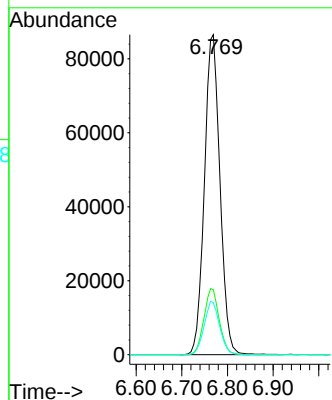
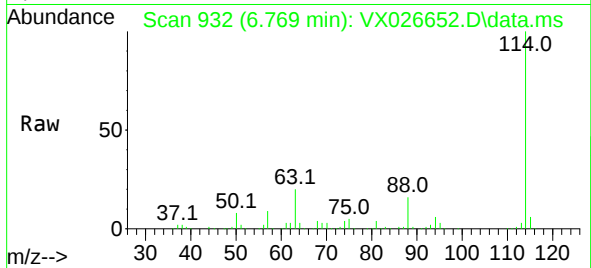




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

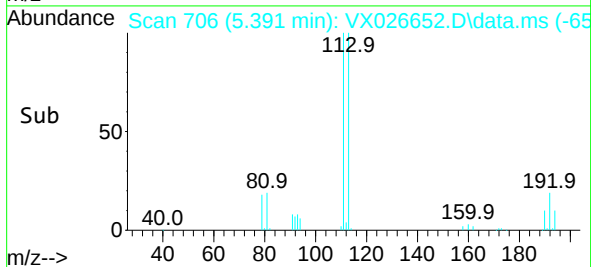
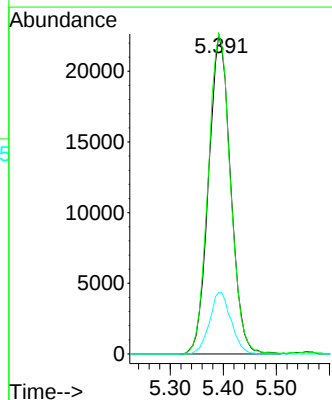
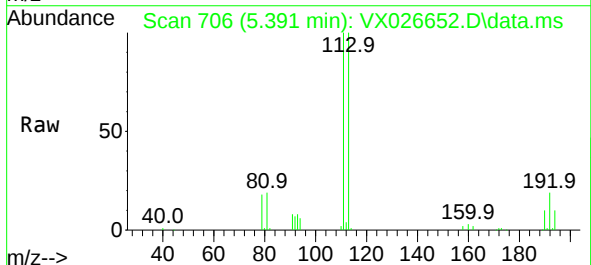
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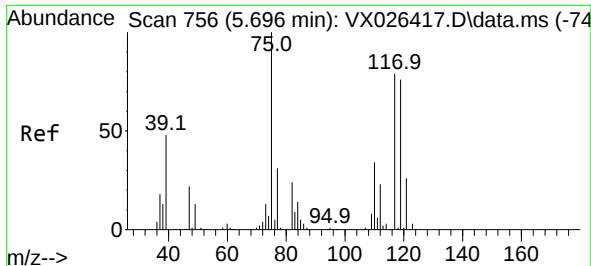
Tgt Ion:114 Resp: 204890
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.151 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion:113 Resp: 65032
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.9 15.0 22.4

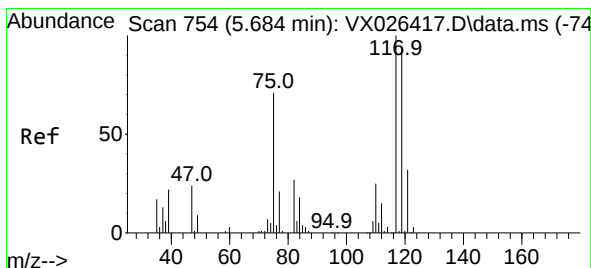
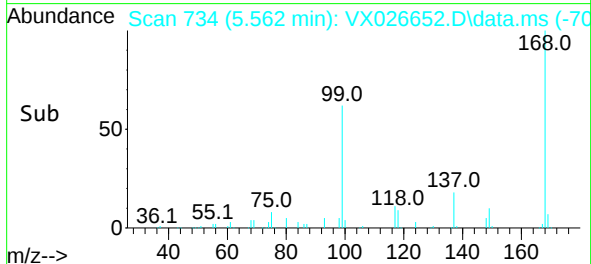
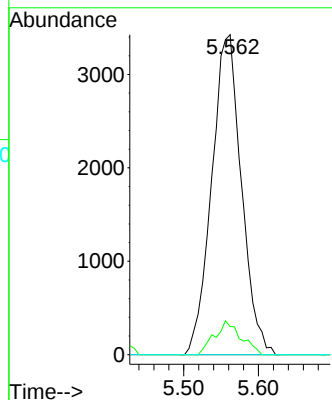
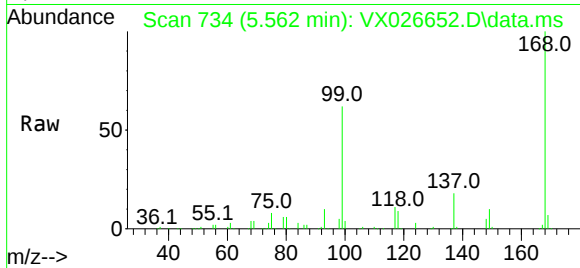




#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

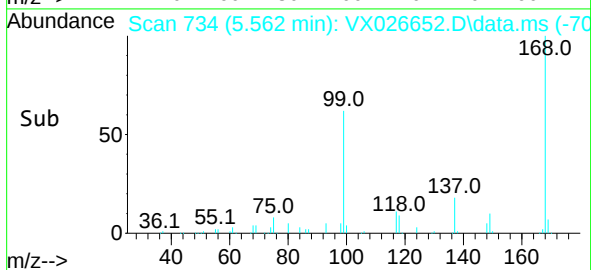
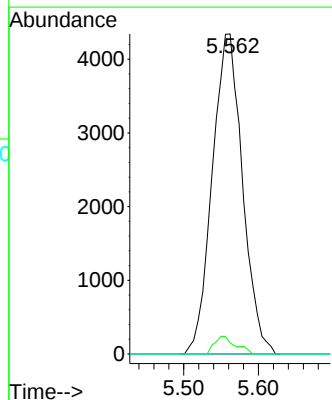
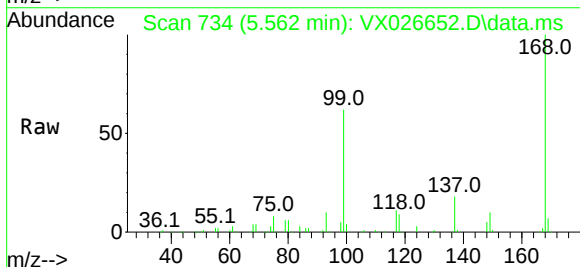
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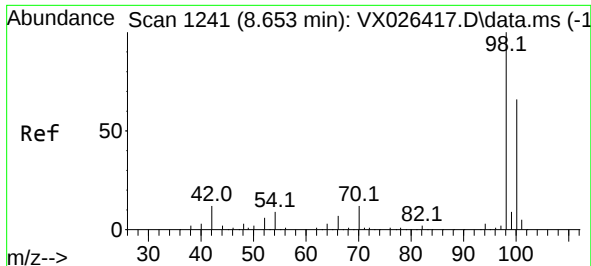
Tgt Ion: 75 Resp: 9482
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 117 Resp: 12212
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#

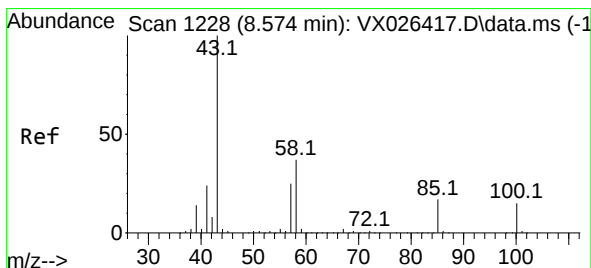
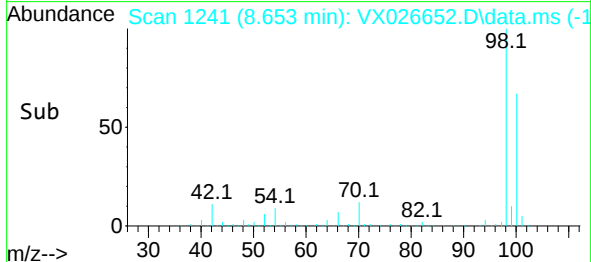
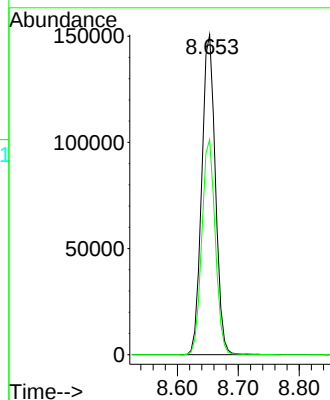
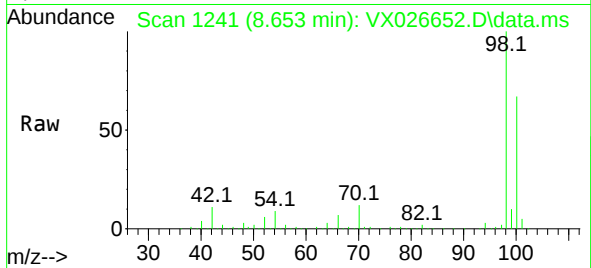




#50
Toluene-d8
Concen: 49.172 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

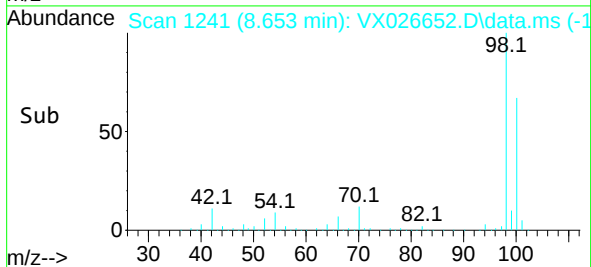
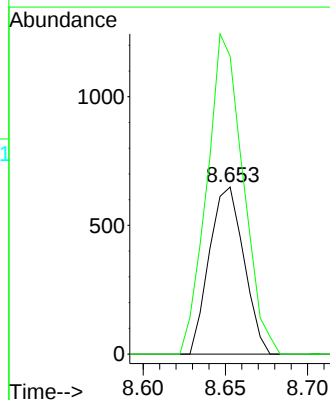
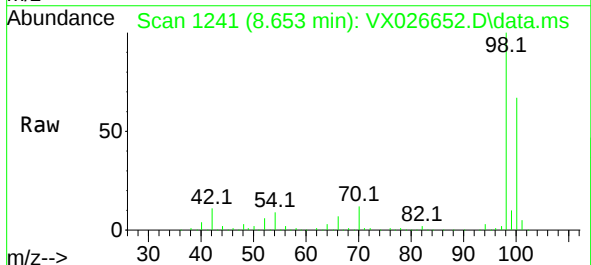
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

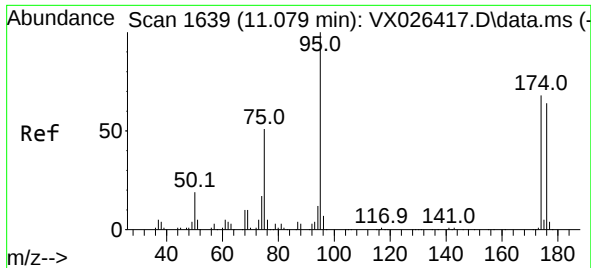
Tgt Ion: 98 Resp: 234449
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 200.1 30.5 45.7#

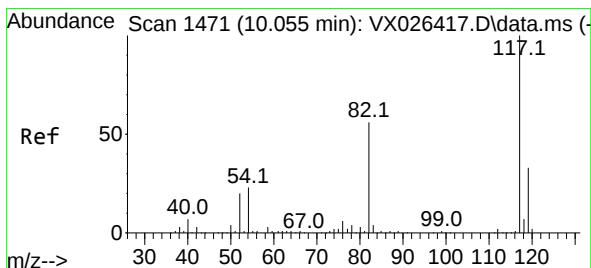
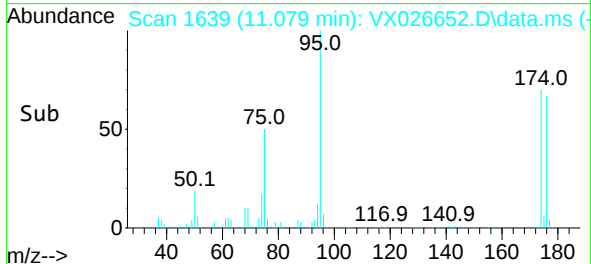
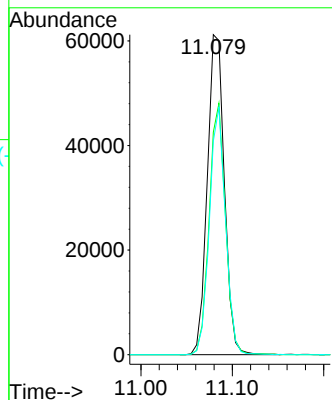
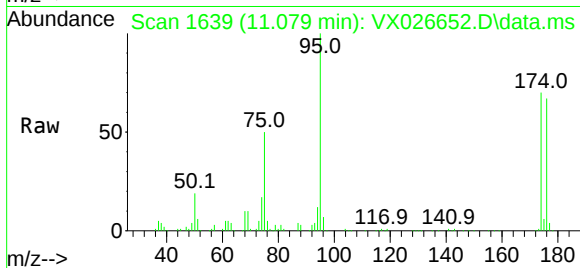




#62
4-Bromofluorobenzene
Concen: 46.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

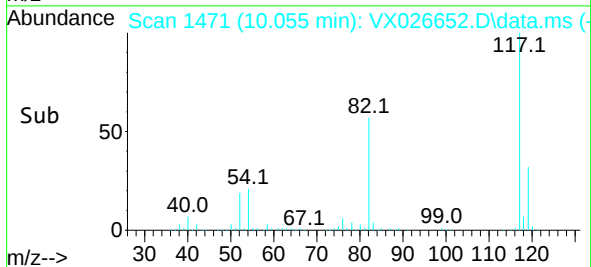
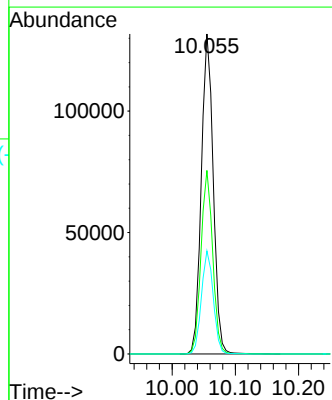
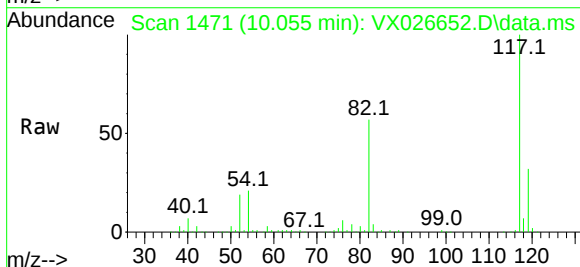
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

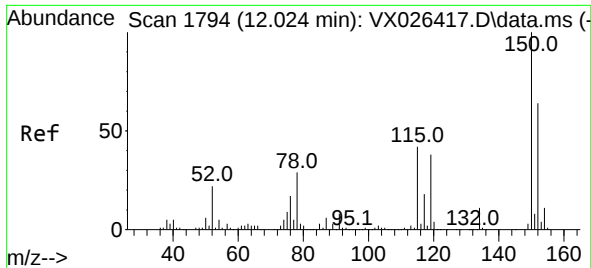
Tgt Ion: 95 Resp: 79291
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 72.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026652.D
Acq: 28 Jan 2022 15:35

Tgt Ion: 117 Resp: 173103
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.2 26.2 39.2

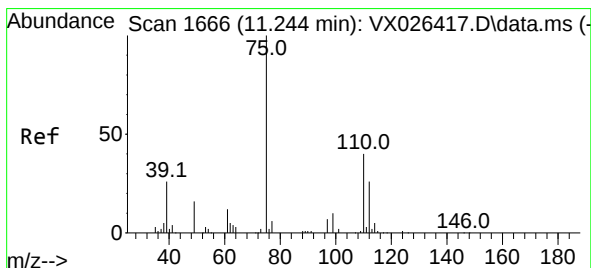
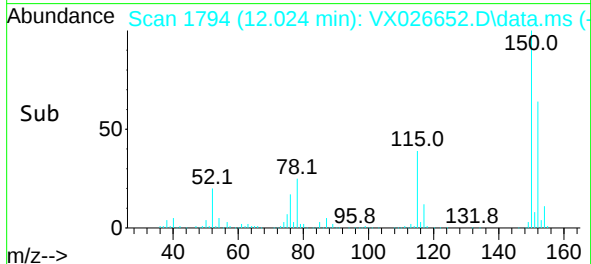
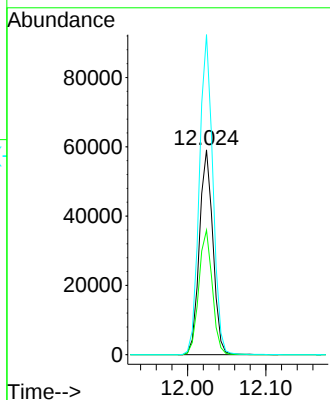
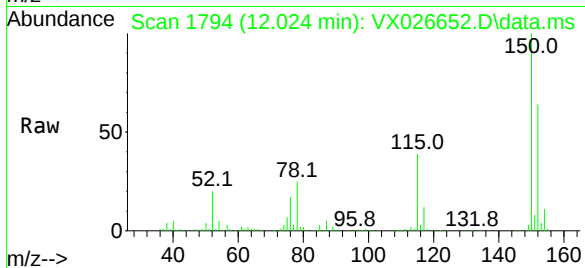




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026652.D
 Acq: 28 Jan 2022 15:35

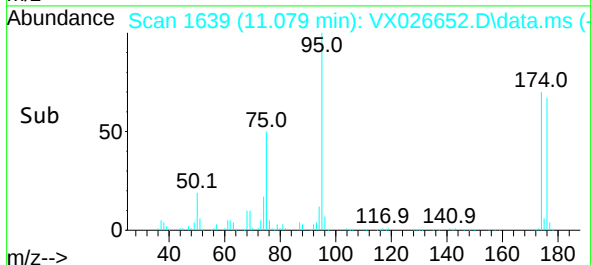
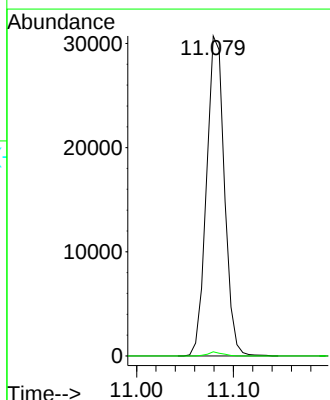
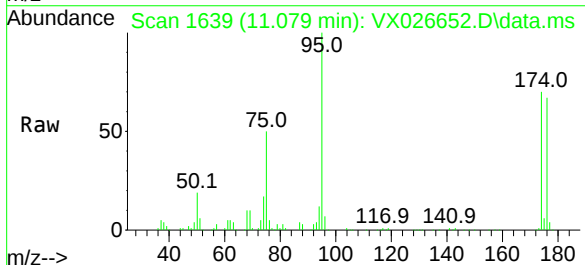
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

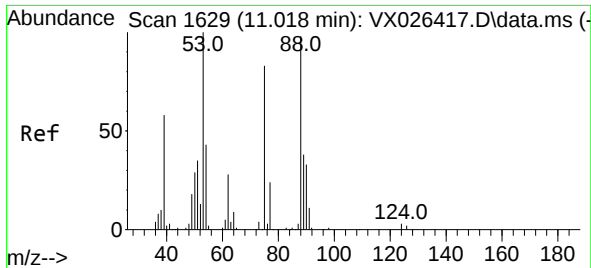
Tgt Ion:152 Resp: 70838
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.2 132.6
 150 156.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.362 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026652.D
 Acq: 28 Jan 2022 15:35

Tgt Ion: 75 Resp: 39557
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.018 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026652.D
 Acq: 28 Jan 2022 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 39557
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

